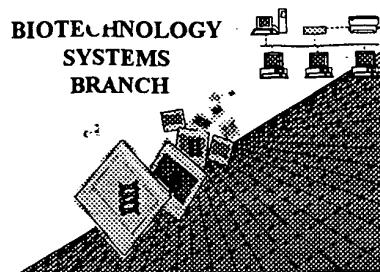


RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/894,633
Source: OPE
Date Processed by STIC: 7/19/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/894,633

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
 Wrapped Aminos
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
 Numbering
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0 A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
 "bug"
- 7 Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (OLD RULES) (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped
 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 (NEW RULES) <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
 (NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213> Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
 Response scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0 Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
 "bug" resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

OIPE

RAW SEQUENCE LISTING

DATE: 07/19/2001

PATENT APPLICATION: US/09/894,633

TIME: 15:05:26

Input Set : A:\38-21(15856)B.txt

Output Set: N:\CRF3\07192001\I894633.raw

pp 1-5
Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Conner, Timothy

4 Dubois, Patrice

5 Malven, Marianne

6 Masucci, James

8 <120> TITLE OF INVENTION: PLANT REGULATORY SEQUENCES FOR SELECTIVE CONTROL OF GENE

EXPRESSION

10 <130> FILE REFERENCE: maize promoter sequences

OK 12 <140> CURRENT APPLICATION NUMBER: US/09/894,633

13 <141> CURRENT FILING DATE: 2001-06-28

15 <150> PRIOR APPLICATION NUMBER: 60/214,357

16 <151> PRIOR FILING DATE: 2000-06-28

18 <160> NUMBER OF SEQ ID NOS: 111

20 <170> SOFTWARE: PatentIn version 3.0

22 <210> SEQ ID NO: 1

23 <211> LENGTH: 22

24 <212> TYPE: DNA

25 <213> ORGANISM: a fully synthesized adaptor primer sequence

27 <400> SEQUENCE: 1

28 gtaatacgac tcactatagg gc

31 <210> SEQ ID NO: 2

32 <211> LENGTH: 19

33 <212> TYPE: DNA

34 <213> ORGANISM: a fully synthesized adaptor primer sequence

36 <400> SEQUENCE: 2

37 actatagggc acgcgtggt

40 <210> SEQ ID NO: 3

41 <211> LENGTH: 32

42 <212> TYPE: DNA

43 <213> ORGANISM: a fully synthesized adaptor primer sequence

45 <400> SEQUENCE: 3

46 agggcaagct tggtcgacgg cccggggctg gt

49 <210> SEQ ID NO: 4

50 <211> LENGTH: 28

51 <212> TYPE: DNA

52 <213> ORGANISM: a fully synthesized primer sequence

54 <400> SEQUENCE: 4

55 ggtggatgcg gcttcgggtg cttcagcg

58 <210> SEQ ID NO: 5

59 <211> LENGTH: 39

60 <212> TYPE: DNA

61 <213> ORGANISM: a fully synthesized primer sequence

63 <400> SEQUENCE: 5

64 ggatccagat ctggcagact cagtgccttg gcagcactg

67 <210> SEQ ID NO: 6

68 <211> LENGTH: 26

69 <212> TYPE: DNA

70 <213> ORGANISM: a fully synthesized primer sequence

72 <400> SEQUENCE: 6

*This goes in C2207-C2237
section,
on C2237
line*

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/894,633

DATE: 07/19/2001

TIME: 15:05:26

Input Set : A:\38-21(15856)B.txt

Output Set: N:\CRF3\07192001\I894633.raw

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73 gaaaggtggc aaggaggaga accacc 26
76 <210> SEQ ID NO: 7
77 <211> LENGTH: 39
78 <212> TYPE: DNA
79 <213> ORGANISM: a fully synthesized primer sequence
81 <400> SEQUENCE: 7
82 ggatccagat ctcttggtttt gggccatcag tagtgcttc 39
85 <210> SEQ ID NO: 8
86 <211> LENGTH: 27
87 <212> TYPE: DNA
88 <213> ORGANISM: a fully synthesized primer sequence
90 <400> SEQUENCE: 8
91 actcgtcgcg gccgttggcg gcagccg 27
94 <210> SEQ ID NO: 9
95 <211> LENGTH: 39
96 <212> TYPE: DNA
97 <213> ORGANISM: a fully synthesized primer sequence
99 <400> SEQUENCE: 9
100 ggatccagat ctcccacgcc ccggccggca cgttgacac 39
103 <210> SEQ ID NO: 10
104 <211> LENGTH: 27
105 <212> TYPE: DNA
106 <213> ORGANISM: a fully synthesized primer sequence
108 <400> SEQUENCE: 10
109 gcggtcatgc ctcccttgag catgctc 27
112 <210> SEQ ID NO: 11
113 <211> LENGTH: 27
114 <212> TYPE: DNA
115 <213> ORGANISM: a fully synthesized primer sequence
117 <400> SEQUENCE: 11
118 ctgggcaacg atggcaccag cgatgac 27
121 <210> SEQ ID NO: 12
122 <211> LENGTH: 27
123 <212> TYPE: DNA
124 <213> ORGANISM: a fully synthesized primer sequence
126 <400> SEQUENCE: 12
127 cgtcgtcgta ccagcgcagc gtcgtca 27
130 <210> SEQ ID NO: 13
131 <211> LENGTH: 39
132 <212> TYPE: DNA
133 <213> ORGANISM: a fully synthesized primer sequence
135 <400> SEQUENCE: 13
136 ggatccagat ctcatcttgg gtatggtggc ggcgacggc 39
139 <210> SEQ ID NO: 14
140 <211> LENGTH: 33
141 <212> TYPE: DNA
142 <213> ORGANISM: a fully synthesized primer sequence
144 <400> SEQUENCE: 14
145 ggatccagat ctctgcacca ggggcttggt gcg 33

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RAW SEQUENCE LISTING

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Input Set : A:\38-21(15856)B.txt

Output Set: N:\CRF3\07192001\I894633.raw

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148 <210> SEQ ID NO: 15
149 <211> LENGTH: 27
150 <212> TYPE: DNA
151 <213> ORGANISM: a fully synthesized primer sequence
153 <400> SEQUENCE: 15
154 cagtacaaat aagccgtgca gggaaac 27
157 <210> SEQ ID NO: 16
158 <211> LENGTH: 39
159 <212> TYPE: DNA
160 <213> ORGANISM: a fully synthesized primer sequence
162 <400> SEQUENCE: 16
163 ggatccagat ctctcttctt tgttgatctg tgtcaccat 39
166 <210> SEQ ID NO: 17
167 <211> LENGTH: 34
168 <212> TYPE: DNA
169 <213> ORGANISM: a fully synthesized primer sequence
171 <400> SEQUENCE: 17
172 ggatccagat ctctgaaagt cagaaagtgt aagg 34
175 <210> SEQ ID NO: 18
176 <211> LENGTH: 27
177 <212> TYPE: DNA
178 <213> ORGANISM: a fully synthesized primer sequence
180 <400> SEQUENCE: 18
181 tgacgacgag gacggcgaag aggatcc 27
184 <210> SEQ ID NO: 19
185 <211> LENGTH: 39
186 <212> TYPE: DNA
187 <213> ORGANISM: a fully synthesized primer sequence
189 <400> SEQUENCE: 19
190 ggatccagat ctgcggtggt ggtggtacgt cggcggcgg 39
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194 <211> LENGTH: 28
195 <212> TYPE: DNA
196 <213> ORGANISM: a fully synthesized primer sequence
198 <400> SEQUENCE: 20
199 tgagcaggac gccggcgcg tccctgtc 28
202 <210> SEQ ID NO: 21
203 <211> LENGTH: 24
204 <212> TYPE: DNA
205 <213> ORGANISM: a fully synthesized primer sequence
207 <400> SEQUENCE: 21
208 tggagcggtc gagcttgccg atgc 24
211 <210> SEQ ID NO: 22
212 <211> LENGTH: 27
213 <212> TYPE: DNA
214 <213> ORGANISM: a fully synthesized primer sequence
216 <400> SEQUENCE: 22
217 acctttgtgc cattccattt cgcgatg 27
220 <210> SEQ ID NO: 23

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/894,633

DATE: 07/19/2001

TIME: 15:05:26

Input Set : A:\38-21(15856)B.txt

Output Set: N:\CRF3\07192001\I894633.raw

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221 <211> LENGTH: 27
222 <212> TYPE: DNA
223 <213> ORGANISM: a fully synthesized primer sequence
225 <400> SEQUENCE: 23
226 acaccggtg taacgtcaca gcctcgc 27
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230 <211> LENGTH: 27
231 <212> TYPE: DNA
232 <213> ORGANISM: a fully synthesized primer sequence
234 <400> SEQUENCE: 24
235 gggtagacgt tgacaccacg caggagc 27
238 <210> SEQ ID NO: 25
239 <211> LENGTH: 39
240 <212> TYPE: DNA
241 <213> ORGANISM: a fully synthesized primer sequence
243 <400> SEQUENCE: 25
244 ggatccagat ctaattcctc ggctatcgtc gtgagccag 39
247 <210> SEQ ID NO: 26
248 <211> LENGTH: 30
249 <212> TYPE: DNA
250 <213> ORGANISM: a fully synthesized primer sequence
252 <400> SEQUENCE: 26
253 tagcccgcca cccgcgctg ccgcttcac. 30
256 <210> SEQ ID NO: 27
257 <211> LENGTH: 39
258 <212> TYPE: DNA
259 <213> ORGANISM: a fully synthesized primer sequence
261 <400> SEQUENCE: 27
262 ggatccagat ctgggtcgcc aaaacaaccc gtgcgcacc 39
265 <210> SEQ ID NO: 28
266 <211> LENGTH: 27
267 <212> TYPE: DNA
268 <213> ORGANISM: a fully synthesized primer sequence
270 <400> SEQUENCE: 28
271 gagcaggagc aggacgaggc acgcgac 27
274 <210> SEQ ID NO: 29
275 <211> LENGTH: 37
276 <212> TYPE: DNA
277 <213> ORGANISM: a fully synthesized primer sequence
279 <400> SEQUENCE: 29
280 ggatccagat ctcgacgag gaggaggccg gcgccat 37
283 <210> SEQ ID NO: 30
284 <211> LENGTH: 32
285 <212> TYPE: DNA
286 <213> ORGANISM: a fully synthesized primer sequence
288 <400> SEQUENCE: 30
289 ggatccagat cttgcattgc atttgcattc cg 32
292 <210> SEQ ID NO: 31
293 <211> LENGTH: 26

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/894,633

DATE: 07/19/2001

TIME: 15:05:26

Input Set : A:\38-21(15856)B.txt

Output Set: N:\CRF3\07192001\I894633.raw

294 <212> TYPE: DNA
 295 <213> ORGANISM: a fully synthesized primer sequence
 297 <400> SEQUENCE: 31
 298 cgcagaggac cttcttcacg tccatg 26
 301 <210> SEQ ID NO: 32
 302 <211> LENGTH: 39
 303 <212> TYPE: DNA
 304 <213> ORGANISM: a fully synthesized primer sequence
 306 <400> SEQUENCE: 32
 307 ggatccagat ctgcgggtgg atcacttcgt cgctcctgg 39
 310 <210> SEQ ID NO: 33
 311 <211> LENGTH: 26
 312 <212> TYPE: DNA
 313 <213> ORGANISM: a fully synthesized primer sequence
 315 <400> SEQUENCE: 33
 316 ctttgtgcag tccgtcttgc cgtcgc 26
 319 <210> SEQ ID NO: 34
 320 <211> LENGTH: 39
 321 <212> TYPE: DNA
 322 <213> ORGANISM: a fully synthesized primer sequence
 324 <400> SEQUENCE: 34
 325 ggatccagat ctgccgtcgc tggtcgcgcc gagtttggg 39
 328 <210> SEQ ID NO: 35
 329 <211> LENGTH: 32
 330 <212> TYPE: DNA
 331 <213> ORGANISM: a fully synthesized primer sequence
 333 <400> SEQUENCE: 35
 334 ggatccagat ctctccttcc tgtggccgcc gg 32
 337 <210> SEQ ID NO: 36
 338 <211> LENGTH: 27
 339 <212> TYPE: DNA
 340 <213> ORGANISM: a fully synthesized primer sequence
 342 <400> SEQUENCE: 36
 343 gagcgccagc accagtagcg cggcggc 27
 346 <210> SEQ ID NO: 37
 347 <211> LENGTH: 39
 348 <212> TYPE: DNA
 349 <213> ORGANISM: a fully synthesized primer sequence
 351 <400> SEQUENCE: 37
 352 ggatccagat ctgaggccct cgcctatgcg cgcctgcg 39
 355 <210> SEQ ID NO: 38
 356 <211> LENGTH: 30
 357 <212> TYPE: DNA
 358 <213> ORGANISM: a fully synthesized primer sequence
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 361 ccttgtagcc gcacgcgcg ccgtccgtgg 30
 364 <210> SEQ ID NO: 39
 365 <211> LENGTH: 39
 366 <212> TYPE: DNA

Please correct
 this error in
 subsequent sequences, too.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/894,633

DATE: 07/19/2001

TIME: 15:05:27

Input Set : A:\38-21(15856)B.txt

Output Set: N:\CRF3\07192001\I894633.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number